

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

EST DATE(S) _____ TEST TIME _____

A/P 523040

AGENCY REVIEW: _____

DATE 8-1-05

DO NOT WRITE ABOVE THIS LINE

HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH unknown PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Louise H. Adams & Alexander Adams

DAYTIME PHONE (410) 992-1477 CELL _____ FAX (410) 992-1685

MAILING ADDRESS 14722 Dorsey Mill Road Glenwood Maryland 21738-9316
STREET CITY/TOWN STATE ZIP

APPLICANT FSH Associates

DAYTIME PHONE (410) 750-2251 CELL _____ FAX (410) 750-7350

MAILING ADDRESS 8318 Forrest Street Ellicott City Maryland 21043
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Glen Mary Estates LOT NO. 5

PROPERTY ADDRESS Chamblis Dr Clarksville
STREET TOWN/POST OFFICE

AX MAP PAGE(S) 28 GRID 22 & 23 PARCEL(S) 15 PROPOSED LOT SIZE 49,187sqft

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A DETAILED SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISSED UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

[Signature]
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

PROPOSED
LOT 9

1245/52
 wk rd brn
 micac
 sil
 massive
 4 1/2'
 wk rd brn
 micac
 ls/sl
 5-8' Qtz
 cobbles
 & boulders
 6-10%
 Bottom 12'

637
 strybrn
 cc
 4'

micac
 ls/sl
 Hard Bottom 10'

71' stream to 635 in reverse side
 90' to stake # 635, 78' bend of perc note
 126' stream to # 637 stake
 112' 637 hole to stream
 73' to 638

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
8/30/45	640	5'3"	10:08	10:10	10:12	2'	P
	636	5 1/2'	10:13	10:15	10:17	2'	P
	637	5'	10:20	10:23	10:27	3'	P
	639	START AT 7' stream to hole					F
	638	NOT DUG	73' to stream				F

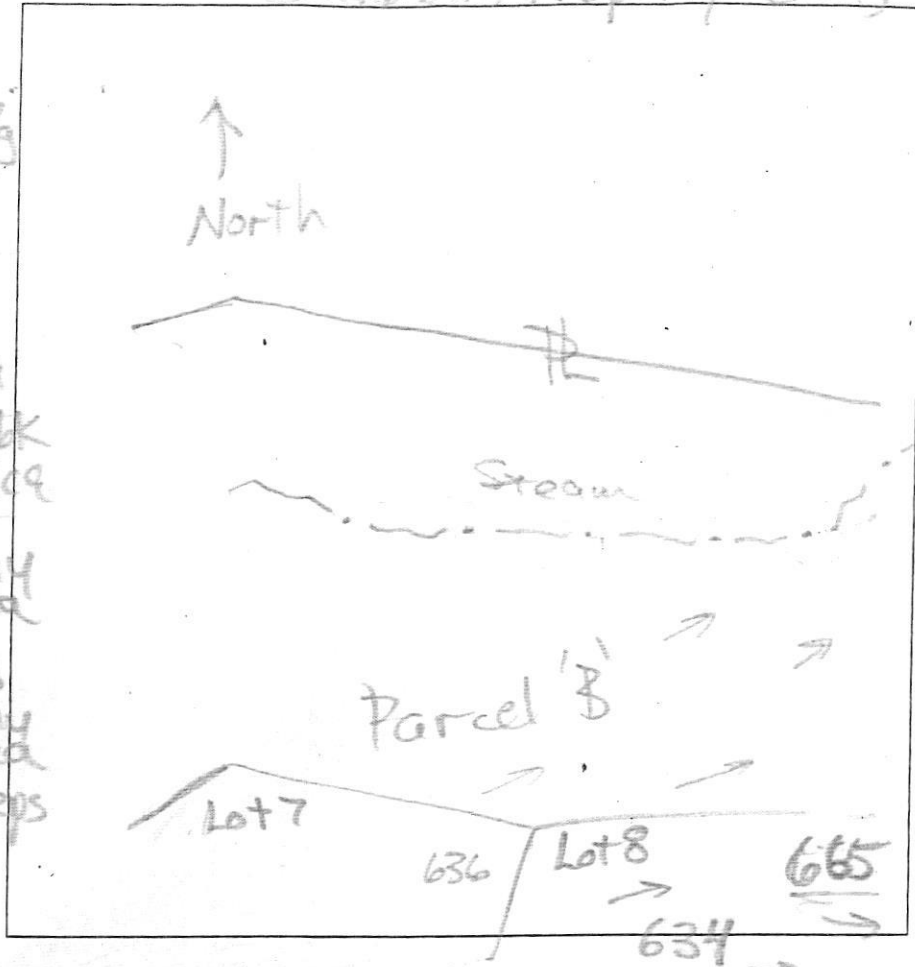
REMARKS _____
 SANITARIAN Kocou BACKHOE Johnson OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

Shawolis Property (2014)

A/P

665

- 0.3' dk brn L, 2fbk
- brn L, 1fsbk
- 0.7' brn L, 2fsbk
- fcw mica
- 1.5' brn L, 2fsbk
- common mica
- 3' brn sl
- 1 imp, many mica
- 7' red tan ls
- 1 cpl, many mica
- 9' water seeps



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6/26/14	665-3	9'	9:52	9:58	10:11	13	P

REMARKS _____
 SANITARIAN R Bricker BACKHOE level land OTHERS Dug
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

on proposal
lot 8, lot 7

633

631A
F...
mucac
L...
w/ red
SL
v. mucac
(fine sand)
Rx KS%
Saprotile
v. w/ K sh 11.2% -

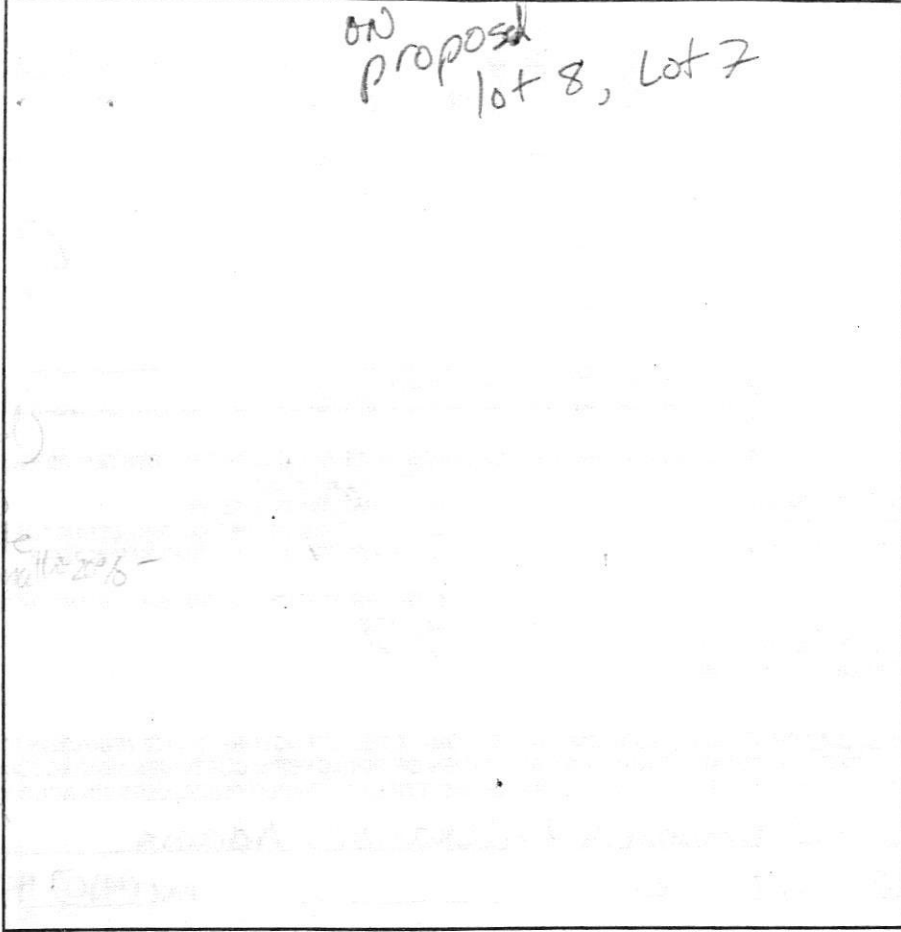
...
...
w/ red
mucac
SL
v. c. 5g
bottom

631
w/ red
3 pl mucac
root mat
11'
w/ red
SL
v. mucac
pockets
throughout
v. w/ K saprotile
2-10-15%
Moist, mottled
Bottom 12'

632
...
FEW
Boulders
on
uphill
side
@ 8'
prominent
mottled
mud
stopped

632A
Str red
climse
deep
CLAY

633A
w/ red
L...
v. f. SL
v. mucac
Rock < 15%
in SL
9' 4' Bottom



DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
8/30/05	631	5' 12"	10:59	11:02	11:05+	3+	P
		last	few sand @ bottom		wet		
			strong yellow purple				
			TX ZONE CLAY				
	628	Deep CLAY	compact				F
	633	4' 5"	11:18	11:29	11:42	13	P
	632						F
	633A	3 1/2'	12:16	12:17+	12:19	2	P
	636A						P

REMARKS 633A Not Per Plan
 SANITARIAN Kaci Johnson BACKHOE Johnson OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____

Possible earth dike interference

E.A. SEWAGE DISPOSAL AREA

Old field run

New field run

CONSERVATORY

WELLINGTON
ELEV 3

MOB

FF: 438.50
B: 428.50

GARAGE

MORNING ROOM

WOOD DECK

LOT 8

36
160.37

INITIAL SYSTEM I-1
INITIAL SYSTEM I-2
INITIAL SYSTEM I-3
INITIAL SYSTEM I-4
INITIAL SYSTEM I-5

1ST REPLACEMENT SYSTEM R-1
1ST REPLACEMENT SYSTEM R-2
1ST REPLACEMENT SYSTEM R-3
2ND REPLACEMENT SYSTEM R-1
2ND REPLACEMENT SYSTEM R-2
2ND REPLACEMENT SYSTEM R-3

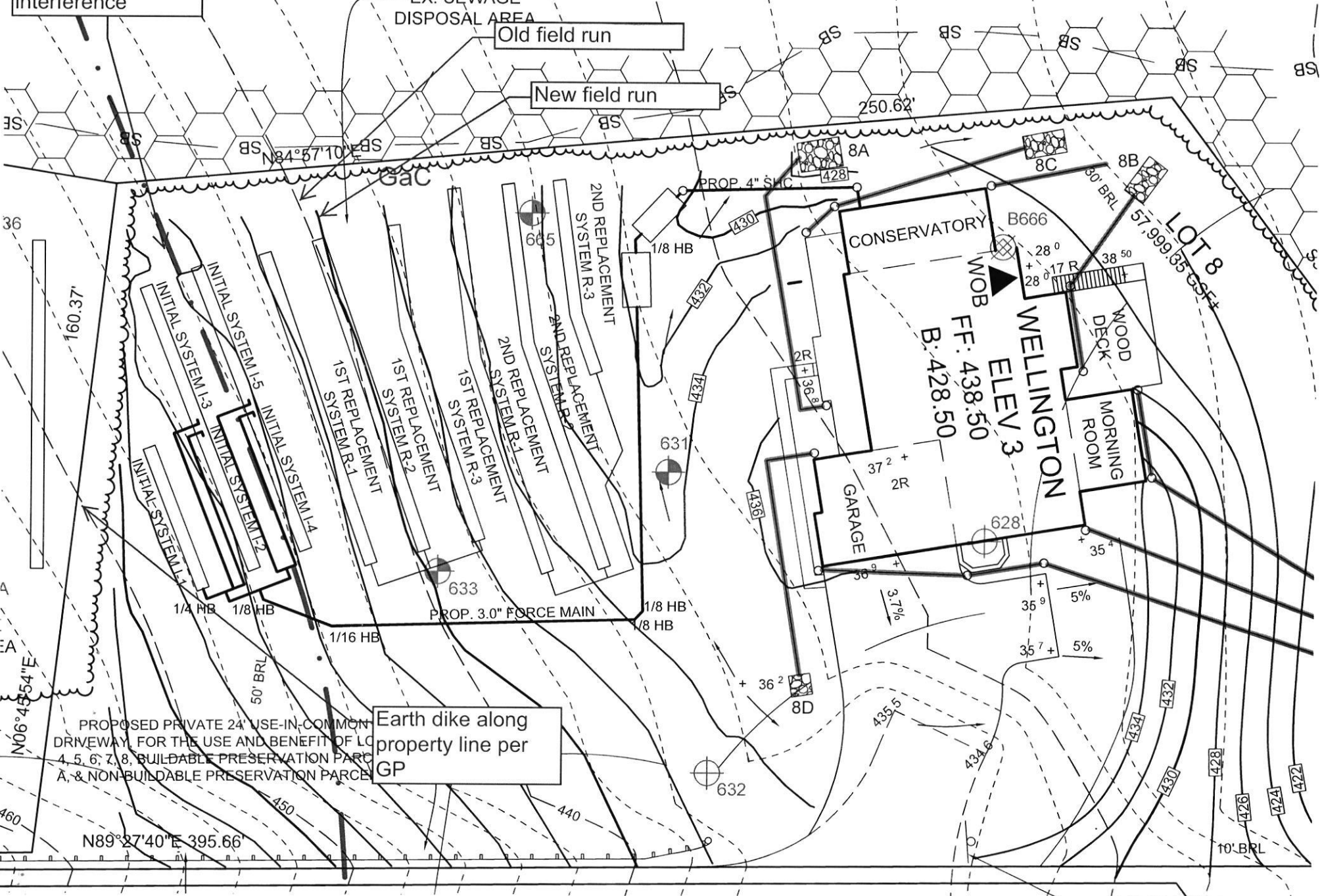
PROP. 3.0" FORCE MAIN

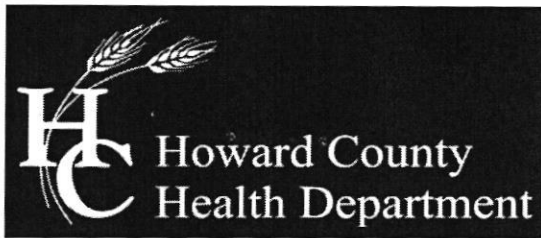
PROP. 4" SMC

PROPOSED PRIVATE 24' USE-IN-COMMON DRIVEWAY, FOR THE USE AND BENEFIT OF LOTS 4, 5, 6, 7, 8, BUILDABLE PRESERVATION PARCELS A, & NON-BUILDABLE PRESERVATION PARCELS

Earth dike along property line per GP

N89°27'40"E 395.66'





Bureau of Environmental Health

8930 Stanford Boulevard, Columbia, MD 21045

Main: 410-313-2640 | Fax: 410-313-2648

TDD 410-313-2323 | Toll Free 1-866-313-6300

www.hchealth.org

Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS WORKSHEET

Address: _____

Subdivision: Chamblis Property Lot: 8

Initial system: Application rate: 1.2 Effective area beginning depth: 3.5 Bottom maximum depth: 5 *5' six*

1st Replacement: Application rate: 0.8 Effective area beginning depth: 4 Bottom maximum depth: 6 *6' 6"*

2nd Replacement: Application rate: 0.8 Effective area beginning depth: 3 Bottom maximum depth: 5

Design Flow = 150 gallons per day per bedroom

Design flow ÷ application rate = square footage of drainfield required

Linear length of trench required = drainfield square footage x sidewall reduction percentage ÷ trench width

Sidewall reduction credit formula:

$$\frac{W + 2}{W + 1 + 2D} \times 100 = \text{Percent of length of standard trench where } W = \text{trench width and } D = \text{depth between effective area beginning depth and trench bottom.}$$

Standard design requirements:

- All trenches must be equal length unless low pressure dosed
- All trenches must be on contour
- Minimum trench spacing: 10' for all trenches utilizing sidewall reduction credit. Additional spacing may be necessary for any trench using over 3.5' of effective sidewall. In those cases, the spacing formula is 2D + W up to a maximum spacing of 18'.
- Minimum trench spacing for trenches with no sidewall credit (bottom area only) is 6' for a 2' wide trench and 9' for a 3' wide trench (spacing is measured edge to edge)
- Maximum trench length is 100'
- Maximum pipe depth is 4'

Additional requirements:

Approved: R Bricker Date: 1/27/15

